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 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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L6

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DATE: Wednesday, August 17, 2005 [Printable Copy](#) [Create Case](#)

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DB=PGPB,USPT; PLUR=YES; OP=OR

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<u>L2</u>	(design\$3 near1 database\$1) and designer\$1	1386	<u>L2</u>
<u>L1</u>	(design\$3 near3 database\$1) and designer\$1	2589	<u>L1</u>

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20040046788 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 8

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040046788

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040046788 A1

TITLE: Browser-based product design

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Sainte Maxime		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 715/748

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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☐ 2. Document ID: US 20040008371 A1

L6: Entry 2 of 8

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040008371

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040008371 A1

TITLE: Quantity-based print job preparation

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Sainte Maxime		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 358/1.15; 358/1.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20040008370 A1

L6: Entry 3 of 8

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040008370

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040008370 A1

TITLE: Requirements-based print job preparation

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Sainte Maxime		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 358/1.15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20040008369 A1

L6: Entry 4 of 8

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040008369

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040008369 A1

TITLE: Managing print jobs

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Sainte Maxime		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 358/1.15; 358/1.16, 358/1.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20040006522 A1

L6: Entry 5 of 8

File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040006522
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040006522 A1

TITLE: Product pricing system and method

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Sainte Maxime		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 705/35

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20040003342 A1

L6: Entry 6 of 8

File: PGPB

Jan 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040003342
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040003342 A1

TITLE: Print job aggregation method

PUBLICATION-DATE: January 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Sainte Maxime		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 715/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20040000246 A1

L6: Entry 7 of 8

File: PGPB

Jan 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040000246
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040000246 A1

TITLE: Method for processing aggregate print jobs

PUBLICATION-DATE: January 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Keane, Robert	Arlington	MA	US	
Robertson, Erik	Paris		FR	
Coursol, Sebastien	Montauroux		FR	

US-CL-CURRENT: 101/483

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 8. Document ID: US 6650433 B1

L6: Entry 8 of 8

File: USPT

Nov 18, 2003

US-PAT-NO: 6650433

DOCUMENT-IDENTIFIER: US 6650433 B1

TITLE: Managing print jobs

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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Clear

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Print

15, 18, 35, 37

L6: Entry 1 of 8

File: PGPB

Mar 11, 2004

DOCUMENT-IDENTIFIER: US 20040046788 A1

TITLE: Browser-based product design

Summary of Invention Paragraph:

[0010] Implementations of this aspect of the invention may include one or more of the following features. The integral print medium may include cut sheets of paper, or large rolls of paper designed for use on offset printing web presses, e.g., rolls having roll widths of 20 inches or more. The print jobs are accumulated through web browsers. Printing of the aggregate print jobs is done during periods of otherwise unused capacity. Each of the discrete print jobs includes a run of fewer than 5,000 copies. Printing is done on large-scale offset full-color presses. Aggregating is done automatically.

Summary of Invention Paragraph:

[0022] In a further aspect, the invention features a method including performing graphic design of a discrete print job on a design application that runs on a web browser, transferring the print job to a web server for storage after the graphic design is performed, modifying the print job on the web browser, and updating the print job on the web server after the modifying is done.

Summary of Invention Paragraph:

[0024] In another aspect, the invention features a method including (a) defining a standard template format for containing common graphical information that relates to different discrete print jobs, (b) providing a design tool to enable a designer to create a template that complies with the standard template format and embodies the common graphical information, (c) enabling the designer to deliver the template to a server electronically, (d) enabling users at client machines to use the template to generate different discrete print jobs that conform to the template and include custom graphical information specific to each of the discrete print jobs, and (e) aggregating sets of the discrete print jobs into aggregate print jobs for printing at one time on units of shared substrate.

Summary of Invention Paragraph:

[0034] Each customer can design a print job directly on a web browser and, if desired, upload the customer's own graphics, e.g., a logo design. Use of the web browser based design capability can replace or enhance traditional methods of graphic design, in which a graphic designer translates a customer's sketch and/or verbal description into a finished design and provides one or more proofs for the customer's approval prior to printing.

Brief Description of Drawings Paragraph:

[0041] FIG. 3 is a flow diagram illustrating the designing of a print job on a web browser.

Detail Description Paragraph:

[0050] Through the Internet 14, each customer can access a website 16, that includes a website studio 16a which provides design software that is made available from a central web server 18. The website studio, which will be discussed in further detail below, allows each customer to design one or more custom printing jobs, e.g., business cards, brochures, postcards, folders, letterhead, and

envelopes. The customer chooses from a limited selection of standardized papers, formats (provided to the user in the form of templates with user-specified data fields), colors and quantities. The website studio software is downloaded from the server as part of web pages displayed to the user, runs on the user's browser, and enables the user to perform simple design functions by completing a selected template using a Design Wizard, or more complex design functions using a Design Studio, locally on his browser. Typically, only the results of the design process are uploaded to the server as a print job. The templates are created using an XML format or other appropriate format. Alternatively, a customer or a professional designer could generate his own template, using the website studio itself, or using desktop publishing software, and upload it to the server website studio.

Detail Description Paragraph:

[0074] Unlike other previous, server-based approaches, the website studio utilizes browser-based processing to allow high-speed processing when the customer is working interactively to design a print job. The website studio utilizes Javascript and DHTML technologies for the graphic design by the customer, i.e., the web pages that the customer receives and views include not only the static visual display, but also graphic design programs (the website studio) that will run on the customer's browser just as any other application runs on a computer. Thus, the customer can use the browser interface to do graphical design without interacting with, and thus consuming the resources of, the web server.

Detail Description Paragraph:

[0084] A Purchase Wizard used in one implementation of the invention is shown in FIGS. 4P-4W. Like the Design Wizard, the Purchase Wizard appears to the customer as a standard Windows Wizard application. The Wizard may be configured to run on the user's browser, or on the web server, depending on the preference and resources of the web server host. The final purchase information is transmitted over a secure server connection. The Wizard includes a Welcome screen (FIG. 4P), a Review screen (FIG. 4Q) that gives the customer a final opportunity to review the design, an Address screen (FIG. 4R) that allows the customer to input a shipping address and select an order quantity, one or more Options screens that offer the customer choices of upgrades, e.g., to remove the advertising text on the reverse side (FIG. 4S), a Delivery screen (FIG. 4T) that allows the customer to select delivery options, e.g., expedited delivery, a screen that notifies the customer that the order is being submitted to the server (FIG. 4U), a Billing Information screen that allows the customer to input billing information (FIG. 4V), and a Payment Confirmation screen that asks the customer for final confirmation of the order.

Detail Description Paragraph:

[0089] As discussed above, the customer can access the website studio using his own computer and browser, or can use another type of entry port, e.g., an intermediary port 15b (such as a terminal at a boutique stationery store), or a large corporate entry port 15c (such as a Communications Department of a large corporation). The entry port need not be based on a web browser, but could be, for example, an email link or dial up telephone line. The customer may use the website studio without assistance, or may describe the desired print job to someone else, e.g., a graphic designer or salesperson at the boutique stationery store, who will use the website studio to design the print job.

Detail Description Paragraph:

[0097] Central database 20 is a relational database management system (RDBMS) that handles all non-graphical data. This database is designed to handle millions of records. As is customary, the data is organized in tabular form. In one implementation, the database includes the following tables, which include the listed fields. (More, fewer or different tables may be used in other implementations, as needed.)

Detail Description Paragraph:

[0120] As discussed above, most customers will have pre-paid during ordering, while some corporate customers will have accounts with the web server host, allowing invoicing and later payment. Debiting and invoicing of customers is conducted by the backend server upon receipt of a meta file from the printing facility indicating that orders have been successfully shipped.

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Generate Collection

Print

L5: Entry 2 of 9

File: PGPB

Mar 11, 2004

DOCUMENT-IDENTIFIER: US 20040046788 A1

TITLE: Browser-based product design

Summary of Invention Paragraph:

[0010] Implementations of this aspect of the invention may include one or more of the following features. The integral print medium may include cut sheets of paper, or large rolls of paper designed for use on offset printing web presses, e.g., rolls having roll widths of 20 inches or more. The print jobs are accumulated through web browsers. Printing of the aggregate print jobs is done during periods of otherwise unused capacity. Each of the discrete print jobs includes a run of fewer than 5,000 copies. Printing is done on large-scale offset full-color presses. Aggregating is done automatically.

Summary of Invention Paragraph:

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envelopes. The customer chooses from a limited selection of standardized papers, formats (provided to the user in the form of templates with user-specified data fields), colors and quantities. The website studio software is downloaded from the server as part of web pages displayed to the user, runs on the user's browser, and enables the user to perform simple design functions by completing a selected template using a Design Wizard, or more complex design functions using a Design Studio, locally on his browser. Typically, only the results of the design process are uploaded to the server as a print job. The templates are created using an XML format or other appropriate format. Alternatively, a customer or a professional designer could generate his own template, using the website studio itself, or using desktop publishing software, and upload it to the server website studio.

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